



# Forest Insect & Disease Management

Report No.  
79-3-35

## AERIAL DETECTION SURVEY OF FOREST INSECT AND DISEASE ACTIVITY, TOMBIGBEE NATIONAL FOREST

LAND OWNERSHIP OR SURVEY AREA: **Tombigbee National Forest**  
(Tombigbee Ranger District,  
Trace & Grenada Units)

STATE: **Mississippi**

AREA WITHIN SURVEY BOUNDARY: **119,155 Acres**

DATE: **August 22, 1979**

PERCENT COVERAGE: **50%**

AIRCRAFT: **Cessna 172**

CREW: **B.I. Hammond, W.A. Carothers**

REPORT PREPARED BY: **W.A. Carothers**

### SURVEY OBJECTIVES

To detect and locate Southern Pine Beetle infestations within the boundaries of the Tombigbee National Forest.

### SURVEY RESULTS:

One-hundred ninety-six suspected Southern Pine Beetle spots were observed and mapped. Size of the spots ranged from 1-200 trees per spot (refer to table). The observed infestations were well distributed throughout the Tombigbee National Forest and the Trace & Grenada units (refer to map).

### CONCLUSIONS

Southern Pine Beetle activity is at a high level on the Tombigbee Ranger District, Trace and Grenada units. A biological evaluation is currently being conducted by the Alexandria Field Office of Forest Insect and Disease Management.

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Table I: Summary of Aerial Survey Data, Tombigbee National Forest

Infestation Size (# Trees)

1	2-5	6-20	21-50	51-100	101+
Spots:Trees	Spots:Trees	Spots:Trees	Spots:Trees	Spots:Trees	Spots:Trees
4	4	15	61	66	995
				52	2060
				39	3790
					20
					3850

For any additional information, contact:

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